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queue and event and context and dynamic and

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Results **1 - 100** of about **17,900**. (0.37 sec)

The design and performance of a real-time CORBA **event** service
psu.edu [PDF]

TH Harrison, DL Levine, DC Schmidt - ACM SIGPLAN Notices, 1997 - portal.acm.org
... liable delivery and deferred synchronous invocations require the use of the CORBA **Dynamic**
Invocation Interface ... threads to the system has many negative consequences (such as increased
context switching overhead ... Figure 5: Example Avionics Application with **Event** Channel ...
Cited by 428 - Related articles - BL Direct - All 32 versions

Dynamic support for distributed auto-adaptive applications
psu.edu [PDF]

AL de Moura, C Ururahy, R ... - ... of the 22nd ..., 2002 - doi.ieeecomputersociety.org
... This standard **event** observer registers notified **events** in a **global queue** of **events**. ... For a final
identification of this state, the treatment of an **event** can use other properties ... the LuaCorba system,
however, have shown themselves adequate for use in this **context**, thus eliminating ...
Cited by 28 - Related articles - All 11 versions

Extensibility safety and performance in the SPIN operating system

BN Bershad, S Savage, P Pardyak, EG Sirer ... - Proceedings of the ..., 1995 - portal.acm.org
... **Events** are declared within interfaces, and can be dispatched with the overhead of a procedure
call. ... fme-grained operations, enforced modularity and logical protection domains to manage
protection, and **dynamic** call **binding** to define relationships between system com- ...
Cited by 1105 - Related articles - BL Direct - All 12 versions

[PDF] Formalizing **dynamic** software updating
psu.edu [PDF]

G Bierman, M Hicks, P Sewell, G Stoyle - Proc. 2nd International ..., 2003 - Citeseer
... components: to access the z component of a module named M , one can write either M .z, which
will use the newest version of the module M , or M n .z (for ... 2.2 Semantics Figure 2 presents the
dynamics of the calculus. ... programs. **Context** composition is denoted by ·, as in E ...
Cited by 56 - Related articles - View as HTML - All 17 versions

[PDF] Chisel: A policy-driven, **context**-aware, **dynamic** adaptation framework
psu.edu [PDF]

J Keeney, V Cahill - POLICY, 2003 - Citeseer
... This type of **event** will be typically thrown as a consequence of an adaptation policy rule. See
figure 7 above. 4. Chisel in use: adaptive middleware for mobile computing This section describes
the use of the Chisel **dynamic** adaptation framework to implement **context**-aware ...

Cited by 100 - Related articles - View as HTML - All 9 versions

[PDF] COSMIC: A middleware for **event**-based interaction on CAN   uni-magdeburg.de [PDF]

J Kaiser, C Brudna, C Mitidieri, ... - 9th IEEE ..., 2003 - wwwivs.cs.uni-magdeburg.de

... An **event** is further characterized by a set of attributes. The attributes related to **context** may
comprise eg a location and the time of occurrence. ... 2. publish **EVENT** 4. notify **EVENT** Configuration
Protocol List of Local **Event** Channels (LECL) SRT **QUEUE** NRT **QUEUE** TX buffer ...

Cited by 21 - Related articles - View as HTML - All 4 versions

[PDF] ARX/ULTRA: A new real-time kernel architecture for supporting user-level ...   psu.edu [PDF]

S Hong, Y Seo, J Park - 1997 - Citeseer

... We refer to the new scheme as **dynamic** stack **binding** . With this scheme, the kernel ... kernel **context**,
depending on the ag. The kernel **context** contains the blocked kernel stack id. ... when it attempts
to access an **event queue**. In most conventional time-sharing operating systems, ...

Cited by 7 - Related articles - View as HTML - All 11 versions

[PDF] **Dynamic** reconfiguration of distributed applications   psu.edu [PDF]

CR Hofmeister - University of Maryland at College Park, College Park, ..., 1993 - Citeseer

... A particular **dynamic** reconguration activity, such as replacement, consists of a sequence ...
orchestrate "application" : { tool "producer1" : "producer" tool "consumer1" : "consumer" **bind**
"producer produce" "consumer1 ... Figure 2.7: Reconguration **Events** for Replacing the Consumer ...

Cited by 94 - Related articles - View as HTML - All 11 versions

System test synthesis from UML models of distributed software   psu.edu [PDF]

S Pickin, C Jard, Y Le Traon, T Jéron, JM ... - Lecture Notes in ..., 2002 - Springer

... The **event queue** and the thread are also reified in the transformed model (ie it contains ... This
subtype has the same interface (signature) as the **context**: this interface comprises one ...
corresponding to this (sub-)state implements the operation corresponding to that **event** with a ...

Cited by 31 - Related articles - BL Direct - All 12 versions

[PDF] Using visualization to foster object-oriented program understanding   psu.edu [PDF]

DF Jerding, JT Stasko - Georgia Institute of Technology, Atlanta, GA, ..., 1994 - Citeseer

... A natural storage facility for **events** might be an ordered **queue**, or even a specialized database
that could support queries. ... Within this **context**, we can dene several dierent types of views that
can be created: ... Textual views of program **events** and source code. ...

Cited by 55 - Related articles - View as HTML - All 12 versions

Exploiting an **event**-based infrastructure to develop complex distributed systems   psu.edu [PDF]

G Cugola, E Di Nitto, A Fuggetta - Proceedings of the 20th ..., 1998 - portal.acm.org

... In this **context** it is vital to identify means to reduce the **event** traffic and optimize the ... **Event**-based
systems can be considered as an evolution of a well-established class of products often called ...
In several MOMS, there can be multiple consumers for the same mes- sage **queue**. ...

Cited by 214 - Related articles - BL Direct - All 16 versions

A context-based object-oriented application framework for discrete event ...

JT Lin, KC Yeh, LC Sheu - Computers & Industrial Engineering, 1996 - Elsevier
... nServers(servers) void CONTEXTINITL( ) SETRESOURCE(Server, "Server", nServers); Q
FTFO(**Queue**, "**Queue**"); SETSTAT (timeInSystem, "Time in System"); SETSTAT (timeInQueue,
"Time in **Queue**"); Schedule 1st **event** of this **context** EntityClass FirstCustomer ...
Cited by 1 - Related articles - BL Direct - All 4 versions

[PDF] OSA: an Open Component-based Architecture for Discrete-**Event** Simulation

psu.edu [PDF]

O Dalle - Proceedings of of the 20th European Conference on ..., 2006 - Citeseer
... It is worth stressing that in the **context** of simulation modeling, the isolation prop- erty of ... **Dynamic**
structure of models[4] may be implemented using the special factory and template components ...
An **event queue** should be associated with each func- tional interface of a component ...
Cited by 10 - Related articles - View as HTML - All 18 versions

Checking timing constraints in distributed object-oriented programs

M Gergeleit, J Kaiser, H Streich - ACM SIGPLAN OOPS Messenger, 1996 - portal.acm.org
... In our special object-oriented environment the eventing system has to do filtering not
only based on the static **event** name but also based on the **dynamic event context**. ...
Event-Queue Event-Dispatch-Table Constraint **Event** Graphs Histories ...
Cited by 20 - Related articles - BL Direct - All 2 versions

[PDF] ASX: an object-oriented framework for developing distributed applications

psu.edu [PDF]

DC Schmidt - Proceedings of the, 1994 - Citeseer
... Instead, it is invoked by a sepa- rate thread associated with its Task. This thread provides an
execution **context** and thread of control for the Task's svc method. This method runs an **event**
loop that continu- ously waits for messages to arrive on the Task's Message **Queue**. ...
Cited by 245 - Related articles - View as HTML - All 28 versions

[PDF] Programming Secure and Robust Pervasive Computing Applications

psu.edu [PDF]

D Kulkarni, A Tripathi, T Ahmed - Minnesota Univ, 2006 - Citeseer
... exception delivery and handling whereby the exception operation is enabled only when an
exception is delivered to the exception interface **queue** and the exception is ... A **context** guard
specification consists of two things: specification of the trigger **event**, specified through ...
Cited by 1 - Related articles - View as HTML - All 4 versions

Dynamic rebinding for marshalling and update, via redex-time and destruct-time ...

psu.edu [PDF]

P Sewell, G Stoyle, M Hicks, G ... - Journal of ..., 2007 - Cambridge Univ Press
... run-time library functions, and, more interestingly, 'internal' identifiers from application libraries
that exist in the new **context**. ... Flexible control of **dynamic** rebinding can ... For example, when loading
an untrusted applet, we may **bind** its open identifier to a safe open function that ...
Cited by 3 - Related articles - All 9 versions

… for parallel processing of **events** within multiple **event** contexts maintaining ordered …

A Kumar, PR Chandra - US Patent App. 10/718,497, 2003 - Google Patents
… Typically, incoming data packets are entered into a **dynamic** random access memory (DRAM)
38 in communication with the network processor 26 so that they are … This execution **context** removes
the packet from the **event queue**, determines the **event context** 43 and …
All 2 versions

… execution environment supporting **dynamic** changes disciplined through rules

M Colombo, E Di Nitto, M Mauri - Lecture Notes in Computer Science, 2006 - Springer
… when the component services do not behave as expected and when the execution **context**
changes … In the action part a request for executing a **dynamic** discovery and **binding** operation
is … The **event queue** is identified by the variable eventList that is defined as **global** and visible …
Cited by 32 - Related articles - BL Direct - All 3 versions

Distributed stochastic discrete-**event** simulation in parallel time streams

psu.edu [PDF]

K Pawlikowski, VWC Yau, D McNickle - Proceedings of the 26th …, 1994 - portal.acm.org
… number of shared buses were increased, contention for memory (processors **queue** for accessing …
The synchronisation of parallel (sub) streams of **events** simulated at different processors is … method
of Independent Replications, in the **context** of non-steady state simulation were …
Cited by 57 - Related articles - All 14 versions

Real-time CORBA

psu.edu [PDF]

VF Wolfe, LC DiPippo, R Johnston, … - … of the 3rd IEEE …, 1812 - doi.ieeecomputersociety.org
… order reflecting either the priority of the **event** or the priority of the **event** consumer, or … All RT
CORBA-level soft- ware that **queues** one task while another is execut- ing should … These exceptions
should be handled within the **context** of the CORBA exception han- dling mechanism. …
Cited by 73 - Related articles - All 18 versions

An object-oriented framework for dynamically configuring extensible distributed …

psu.edu [PDF]

DC Schmidt, T Suda - Distributed Systems Engineering, 1994 - iop.org
… The ASX framework allows the choice between static and **dynamic** configuration to be … connection
requests and application data) onto pre-registered application-specified **event** handlers. … such
as memory-to-memory copying and data manipulation, **context** switching, scheduling …
Cited by 100 - Related articles - All 16 versions

An **Event**-Driven Adaptive Differentiated Service Web Container Architecture

LI Yang, C Ningjiang, H Tao - doi.ieeecomputersociety.org
… for Servlet and JSP according to J2EE specification, has been adopted to provide **dynamic** content
services by … Reservation strategy services for only one classification **event queue**. … Therefore, if
we do not consider **context** strategy, then there is an inequation in differentiated …
Related articles

Towards a rigorous semantics of UML supporting its multiview approach

G Reggio, M Cerioli, E Astesiano - Lecture notes in computer science, 2001 - Springer
... e **queue** holds whenever the object id with configuration conf and **event queue** e **queue** using
rds and attrs may dispatch the **event** ev changing its configuration to conf and its **event queue**
to e **queue** . ... In a **context** extending the specifications Class Diagram, Acl-**Dynamic** 1 , ...
Cited by 71 - Related articles - BL Direct - All 4 versions

Evaluating and improving the automatic analysis of implicit invocation systems

psu.edu [PDF]

JS Bradbury, J Dingel - ACM SIGSOFT Software Engineering Notes, 2003 - portal.acm.org
... The authors of [4] and [5] have made contributions to al- leviating both the semantic artifact gap
and state explosion problems in the **context** of II systems. ... Two, a priority-based policy that uses
a priority **queue** based on **event** type with random delay is used when the ...
Cited by 32 - Related articles - BL Direct - All 9 versions

Dynamic software updating

psu.edu [PDF]

M Hicks, S Nettles - ACM Transactions on Programming Languages ..., 2005 - portal.acm.org
... if (e != null) return e; else { RELINK("get next **event**",get next **event**); return get next **event**(); /*
new version ... specially, perhaps by calling bits of old code, as we did for the **queue** example in ...
ap- plying the patch replaces the existing type definition in the typechecking **context** with a ...
Cited by 277 - Related articles - BL Direct - All 28 versions

[PDF] Modeling the **global** internet

psu.edu [PDF]

JH Cowie, DM Nicol, AT Ogielski - Computing in Science and ..., 1999 - Citeseer
T he last decade has seen a radical shift in thinking about **dynamic** behavior of ... multiple proces-
sors become instantly useless outside of their original design **context** because of ... imple- menters,
hiding all details of simulator internals (threads, processors, **event queues**, and syn ...
Cited by 210 - Related articles - View as HTML - BL Direct - All 20 versions

Aurora: An architecture for **dynamic** and adaptive work sessions in open ...

psu.edu [PDF]

M Marazakis, D Papadakis, C Nikolaou - Lecture notes in computer ..., 1998 - Springer
... sessions, by **binding** output **queues** to to one or more input **queues**.This is ... it is too restrictive for
more open-ended interactions as in the **context** of network ... relies on explicitly establishing
communication channels among components, in response to **events**, accomodates **dynamic** ...
Cited by 7 - Related articles - BL Direct - All 7 versions

MobiPADS: a reflective middleware for **context**-aware mobile computing

psu.edu [PDF]

ATS Chan, SN Chuang - IEEE Transactions on ..., 2003 - doi.ieeecomputersociety.org
... a mobilet is still free to receive messages using its message **queue**, thus avoiding ... 25 show the
notifyContext() method, which will be called back when the **event** occurs. ... does not have specific
mechanisms to support mobile computing applications so that **context** awareness can ...
Cited by 135 - Related articles - BL Direct - All 15 versions

An outline of PVS semantics for UML statecharts

I Traoré - Journal of Universal Computer Science, 2000 - jucs.org

... InService has two direct substates (called also regions), namely, states **Dynamic** and
FloorRequested ... sm))): S = container(Root(sm))) AND (**context**(sm) = behavioral OR **context**(sm) =
classifier ... record type called globalState consisting of a state configuration and an **event queue**. ...
Cited by 32 - Related articles - All 3 versions

Dynamic memory usage in parallel simulation: a case study of a large-scale ...
CJM Booth, DI Bruce, PR Hoare, MJ Kirton, ... - Proceedings of the ..., 1996 - portal.acm.org
... three main features asso- ciated with the logistics application that made it worthy of detailed study
in the **context** of parallel ... **Dynamic** Memory Usage in Parallel Simulation 979 ... Extended BTB folds
back into the **event queue events** generated for objects on the same processor. ...
Cited by 2 - Related articles - BL Direct - All 3 versions

[PDF] SLIC: A specification language for interface checking (of C)   microsoft.com [PDF]
T Ball, SK Rajamani - Techn. Report MSR-TR-2001 - research.microsoft.com
... The $int identifiers are used to refer to the actual/formal parameters, depending on the **event**
context (call and entry **events**).3 The identifier $return is used to refer to the return ... **queue** (library)
code, instrumented by SLIC ... See the Metal language [7] for examples of such **events**. ...
Cited by 68 - Related articles - View as HTML - All 3 versions

Validation of UML models via a mapping to communicating extended timed ...   psu.edu [PDF]
I Ober, S Graf, I Ober - Lecture Notes in Computer Science, 2004 - Springer
... the calls or signals coming from outside an activity group are placed in the group's **queue** and
are ... run, there are mechanisms for identifying the particular **event** occur- rence that is relevant
in a certain **context**. ... if the constraint is local to an object, ie all involved **events** are directly ...
Cited by 20 - Related articles - BL Direct - All 14 versions

[BOOK] ... simulation: Integrating discrete **event** and continuous complex **dynamic** ...
BP Zeigler, H Praehofer, TG Kim - 2000 - books.google.com
... Stochastic Systems: Conventional Approach to Uncertainty 233 10.2 DSDEVS (**Dynamic** Structure
DEVS ... Applicability of Identity-Erasing Aggregations 353 13.4 Abstractions for **Event**-Based Control ...
In this **context** this book marshals the available approaches and for- malisms in ...
Cited by 465 - Related articles - Library Search

[PDF] Basic: A believable, adaptable socially intelligent character for social ...   psu.edu [PDF]
DM Romano, G Sheppard, J Hall, A Miller, Z ... - Proceedings of the 8th ..., 2005 - Citeseer
... 3] notes that social presence can be linked to a larger social **context** that includes ... These
emotionally coded messages are placed in **queues** and processed by the character's perception ...
The **event** processing module sends the interpreted **event** to update the internal status of ...
Cited by 6 - Related articles - View as HTML - All 7 versions

[PDF] Model checking **dynamic** and hierarchical UML state machines   psu.edu [PDF]
T Jussila, J Dubrovin, T Junttila, T Latvala, I Porres - ... , Validation and Verification. - Citeseer
... Otherwise, an **event** occurrence is removed from the input **queue** and a prioritized enabled

transition is ... If no such transition exists and the **event** is not deferrable, the **event** oc- currence is ...
of the transition t. –evalguard (obj, t, params) evaluates guard (t) in the **context** of object obj ...
Cited by 14 - Related articles - View as HTML - All 9 versions

A formalization of **global** simulation models for continuous/discrete systems
L Gheorghe, F Bouchhima, G Nicolescu, H ... - Proceedings of the ..., 2007 - portal.acm.org
... Before switching the **context** to the continuous simulator the discrete interface will send the data
and the recalculated time ... In this work the time stamp can change after a state **event**. ... equal or bigger
then the time stamp that previously existed in the discrete simulator's **queue** – t dk ...
Cited by 3 - Related articles

Higher Levels of Process Synchronisation
PH Welch, DC Wood - ... and Java: WoTUG-20: proceedings of ..., 1997 - books.google.com
... If there are processes waiting to claim that SEMAPBORE, the first process on that **queue** is re ...
of the number of clients and the same order of magnitude as an ordinary **context** switch lsub ... **global**
data PAR PAR **EVENT** e process A process B process C PAR **EVENT** f process P ...
Cited by 27 - Related articles - All 4 versions

Simulation of grid computing infrastructure: Challenges and solutions
S Bagchi - Proceedings of the 37th conference on Winter ..., 2005 - portal.acm.org
... **Dynamic** provisioning is performed in the **context** of replication of data to resources in a ... tasking,
task parallelization, resource scheduling and resource provi- sioning based on **dynamic** policies. ...
of a simulation model with multi-tasking resources for two **event queue** designs: the ...
Cited by 5 - Related articles - All 3 versions

Generic-**Events** Architecture: Integrating real-world aspects in **event**-based systems   ul.pt [PDF]
A Casimiro, J Kaiser, P Verissimo - Lecture Notes in Computer Science, 2007 - Springer
... Deadlines are specified only for subscriptions. Therefore message scheduling is supported only
in the **queues** maintained in the receiver side. ... To cope with the requirements of an ad-hoc
environment, an **event** includes the description of the **context** in which it has been ...
Cited by 3 - Related articles - BL Direct - All 6 versions

An Integrated Platform for Mobile, **Context**-Aware, and Adaptive Enterprise ...   psu.edu [PDF]
G Hübsch, T Springer, A Spriestersbach, T Ziegert - ... 2005 (WI2005), Bamberg, ... - Springer
... The **Dynamic** Content Inclusion component invokes resources for backend access referenced
by the template's **dynamic** elements and replaces the enclosed field ... **Context** Profile Repository ...
4.3) utilizing a prioritized **event queue** to handle simultaneous occurrences of **events**. ...
Cited by 4 - Related articles - All 9 versions

[PDF] HP Caliper–An Architecture for Performance Analysis Tools   usenix.org [PDF]
R Hundt - usenix.org
... A transparent **dynamic** optimizer named Dynamo is under development at the HP Laboratory ...
object model consisting of Measurement sets, **Events**, Processes, Configuration, **Context** and

Collectors. ... **Event** objects deal with application and user **events** and handle **event queues**. ...
Cited by 7 - Related articles - Cached - All 12 versions

[PDF] A compliant persistent architecture

psu.edu [PDF]

... , D Balasubramaniam, M Greenwood, G Kirby, ... - Software Practice and ..., 2000 - Citeseer
... allow flexibility in terms of resource management policy, to the extent of **dynamic**, run-time ... using
the inheritance hierarchy, for extensions that conform to the sub-class late **binding** rules, or by ...
The user- level **context** has been saved to a logical **Event Context** Buffer (ECB) whose ...
Cited by 46 - Related articles - View as HTML - BL Direct - All 11 versions

STATL: An attack language for state-based intrusion detection

psu.edu [PDF]

ST Eckmann, G Vigna, RA Kemmerer - Journal of Computer Security, 2002 - IOS Press
... In addition, a common language would support **dynamic** reconfiguration of responses ... Assertions
appear as filter conditions in states and in **event** specs (which are the matching element of
transitions ... A STATL assertion is evaluated at runtime in the **context** of the **global** and local ...
Cited by 250 - Related articles - BL Direct - All 59 versions

Chisel: a policy-driven, **context**-aware, **dynamic** adaptation framework

tcd.ie [PDF]

V CAHILL, J KEENEY - 2003 - tara.tcd.ie
... This type of **event** will be typically thrown as a consequence of an adaptation policy rule. See
figure 7 above. 4. Chisel in use: adaptive middleware for mobile computing This section describes
the use of the Chisel **dynamic** adaptation framework to implement **context**-aware ...
Related articles - View as HTML

A Composite-**Event**-Based Message-Oriented Middleware

nju.edu.cn [PDF]

P Yuan, H Jin - Lecture Notes in Computer Science, 2004 - Springer
... EM determines brokers that have registered a notification interest for such **event** occurrences,
and then adds the pair of action and **event** into SEQ (Sending **Event Queue**). ... Same composite
event patterns may imply totally different semantic meanings in different **context**. ...
Cited by 3 - Related articles - BL Direct - All 3 versions

[PDF] A system architecture for **context**-aware mobile computing

psu.edu [PDF]

WN Schilit - 1995 - Citeseer
... as a function of the average number of messages that must be sent out per meeting update **event**. ...
varying resources should adapt current work **queues** in response to changes in the un- ... four
important characteristics making it well suited to support **context**-aware computing. ...
Cited by 314 - Related articles - View as HTML - All 15 versions

[PDF] Operating system extensibility through **event** capture

psu.edu [PDF]

T Pinckney III - 1997 - Citeseer
... We propose approaching this problem by limiting the points at which **events** can be
generated and in what **context** the extensions execute. ... consistent state before the
extension is invoked. The second way is to **queue** the **event** and ...

Cited by 4 - Related articles - View as HTML - All 14 versions

[PDF] Model checking of UML models via a mapping to communicating extended ...   psu.edu [PDF]

I Ober, S Graf, I Ober - SPIN Wshop on Model Checking of Software - Citeseer

... In a CETA **context**, for testing or enforcing a timing constraint from the UML model, we are
presented with two alternatives. ... Besides **events**, an observer may access any part of the
state of the UML model: object attributes and state, signal **queues**. ...

Cited by 8 - Related articles - View as HTML - All 4 versions

[PDF] Software Integration Towards **Global** Computing   psu.edu [PDF]

C Faigle, GC Fox, W Furmanski, T Haupt, J Niemiec - paper submitted to the 7th ... - Citeseer

... either block, waiting for a specific **event**, or it can poll the **event queue** without relinquishing ... In
the **context** of HPFI, some of these asynchronous communication mechanisms will be used in ...
For example, **events** are natural to im- plement **dynamic** load balancing or thread mobility ...

Cited by 1 - Related articles - View as HTML - All 4 versions

[PDF] Constructing adaptive software in distributed systems   psu.edu [PDF]

WK Chen, M Hiltunen, R Schlichting - International Conference on ..., 2001 - Citeseer

... shared within a given composite protocol and a message ab- straction that provides for a **dynamic**
set of ... Activation involves three steps, each of which changes **event** handler bindings ... may pass
a **queue** of messages that were waiting to be trans- mitted; these messages must be ...

Cited by 112 - Related articles - View as HTML - BL Direct - All 17 versions

A Design of **Context** aware Smart Home Safety Management using by Networked ...

B Lee, H Kim - Proc. First IFIP WG6. 2 Home Networking Conference, 2007 - Springer

... The processed result is collected in result **queue** for inter- working with application. ... The return
methods are Web service, HTTPget, JMS and mobile phone SMS for user's urgent **event**. ... The
main advantage of this approach is the se- cure connection and **context** policy based ...

Cited by 1 - Related articles - All 3 versions

Modeling Spatiotemporal **Dynamics** of Multicellular Signaling   dharlab.info [PDF]

H Zhu, PK Dhar - Introduction to systems biology, 2007 - Springer

... A message **queue** is created by the system in each object to buffer incoming ... 37), is challenging,
given the prevalence of temporally and spatially overlapped signaling **events** in cells. ... Although
modeling parallel signaling processes in a multicellular **context** is still in its infancy, a ...

Related articles - All 3 versions

TOSSIM: Accurate and scalable simulation of entire TinyOS applications   psu.edu [PDF]

P Levis, N Lee, M Welsh, D Culler - Proceedings of the 1st ..., 2003 - portal.acm.org

... the charac- teristics of the sensor network domain to obtain a scale, fidelity, and completeness
that would be intractable in a general purpose **context**. ... After each simulator **event**, TOSSIM runs
the task **queue** of the mote associated with the **event** until the **queue** is empty. ...

Cited by 982 - Related articles - All 57 versions

The architecture of the READY **event** notification service

RE Gruber, B Krishnamurthy, E ... - Proceedings of the ..., 1999 - doi.ieeecomputersociety.org
... children. **Context** information represents information that ... implemented. The
implementation of **global** ordering of **event** timestamps is done by placing matched **events**
in a **queue** that is ordered by the lowest **event** timestamp. Notifications ...
Cited by 111 - Related articles - All 7 versions

ServiceComposition: Concepts, Techniques

B Benatallah, RM Dijkman, M Dumas, Z ... - Service-Oriented ..., 2005 - books.google.com
... Mealy machine, which consumes **events** from a **queue** and dispatches **events** to the **queues** of
the ... measured in terms of the set of traces (that is, sequences of **events**) that can ... provisioning in
wireless environments, important issues need to be tackled first: **Context**-sensitive Web ...
Cited by 30 - Related articles - All 10 versions

[PDF] Design and implementation of a large-scale **context** fusion network

G Chen, M Li, D Kotz - First Annual International Conference on Mobile ..., 2004 - Citeseer
... To cope with the **dynamics** of a ubicomp environ- ment, Solar exposes two interfaces ... for composers
(typically applications) to specify op- erator graphs, identifying **context**-fusion operators ... queries
while the data-reduction policy states how to drop or summarize an **event queue**. ...
Cited by 84 - Related articles - View as HTML - All 21 versions

Integrating user-level threads with processes in Scsh

M Gasbichler, M Sperber - Higher-Order and Symbolic Computation, 2005 - Springer
... policy by deciding which threads to run for how long, and it handles **events** returned by ... level:
The in- terrupt causes the command-level scheduler to swap its **queue** of runnable ... call to
call-with-current-continuation captures a continuation corre- sponding to this control **context**: ...
Cited by 2 - Related articles - BL Direct - All 5 versions

[PDF] Real-time corba

V Fay-Wolfe, LC DiPippo, G Cooper, R ... - IEEE transactions on ..., 2000 - Citeseer
... 1. Naming – This service provides the ability to **bind** a name to an object relative to a naming
context. It guarantees unique names for objects. ... The real- time **Event** Service provides
priority-based **queues** for its **event** channels. It also delivers the time that a ...
Cited by 34 - Related articles - View as HTML - BL Direct - All 18 versions

Context flow: An alternative to conventional pipelined architectures

NP Topham, A Omondi, RN Ibbett - The Journal of Supercomputing, 1988 - Springer
... Thus, implementations of **global** memory architectures and referentially transparent parallel
combinator reduc- tion ... and B node may hold a single **context**, but M nodes may **queue** contexts
for ... of instructions into a narrow format reduces the size of each **dynamic context** within the ...
Cited by 9 - Related articles - All 3 versions

Automated program recognition by graph parsing

LM Wills - 1992 - dspace.mit.edu

... 5.2.3 Expressing Clichés with Loose Constraints 179 5.2.4 Enqueuing New Messages and **Events** 183 5.2 ... Examples of data-structure clichés are sorted fist, priority **queue**, and hash table. ... parsing approach to program recognition to determine how it would fit into the **context** of a ...

Cited by 147 - Related articles - All 7 versions

[PDF] An active web-based distributed database system for e-commerce

H Ishikawa, M Ohta - Proc. Web **Dynamics** Workshop, London, 2001 - Citeseer

... tag] '$' variable | [tag] '$' variable '.' path path = '%' | tag | '@'attribute| path '.' path | '(' path '|' path ')' | text **context**-list = **context** ',' **context**-list | **context** **context** = variable URI uri ... The monitor usually keeps a **queue** of **events** generated by the matched **event** query and invokes ...

Cited by 12 - Related articles - View as HTML - All 14 versions

Validating timed UML models by simulation and verification

I Ober, S Graf, I Ober - International Journal on Software Tools for ..., 2006 - Springer

... Generalisations: their semantics involves polymorphism and **dynamic binding** of operations. ... mentioned external requests are deferred and stored in the activity groups' request **queue** as long ... transition which is guarded only by a Boolean condition and not triggered by an **event**. ...

Cited by 52 - Related articles - BL Direct - All 16 versions

Continuous abstractions for discrete **event** languages

DP Anderson, R Kuivila - Computer Music Journal, 1989 - jstor.org

... block. The execution **queue** is a linked list of top-level active objects, sorted by external time position. The wakeup buffer stores descriptors for **events** waiting to be performed and **context** blocks of suspended objects. A ...

Cited by 18 - Related articles

[PS] ЧЫ Ц ЧШЦ ЧХШЧЦЦЬЙЫЪ РСЬЬЭЪ ЧЪ

С ЫС Х Э Ф Ь С ЧЦ - hal.archives-ouvertes.fr

... It is worth. stressing that in the **context** of simulation modeling, the isolation. ... **Dynamic** structure of models\cite{Bar97} may be implemented using the. ... **Event queue** components lay in the membrane component (as sub-components. %of the membrane component). ...

Related articles - View as HTML - All 2 versions

[PDF] Programming for pervasive computing environments

R Grimm, J Davis, E Lemar, A MacBeth, S ... - ... Technical Report UW- ..., 2001 - Citeseer

... so that **event** handlers in the same environment use the ⟨**event** handler, **event**⟩ **queue** instead of ... While it introduces a performance over- head for every sent **event**, late **binding** also is ... responsive and thus most reliable form of communication in a highly **dynamic** environment. ...

Cited by 99 - Related articles - View as HTML - All 26 versions

[PDF] The design and performance of a real-time notification service

P Gore, DC Schmidt, C Gill, I Pyarali - Proceedings of the 10th IEEE Real- ..., 2004 - Citeseer
... Dispatching component, which consists of a buffer **queue** that provides support for the Order
and Discarding Policy QoS properties. ... 3.4 Optimizing **Event** Processing **Context**: During the
processing of **events** within an **event** channel, the **event** type of the incoming ...
Cited by 24 - Related articles - View as HTML - All 7 versions

[BOOK] **Context** Aware Notification in **Global** Software Development   tuwien.ac.at [PDF]
B Eckhard - 2008 - cocoon.ifs.tuwien.ac.at
... 2.1 **Global** Software Development . . . . . 7 2.1.1 Complexity aspects of GSD projects 26 2.3
Context-aware Notification Systems . . . . 30 2.4 **Event** Stream Processing and Rule Engines . . . .
Cited by 2 - Related articles - View as HTML - Library Search - All 3 versions

[PDF] Supporting adaptive ubiquitous applications with the SOLAR system   psu.edu [PDF]
G Chen, D Kotz - Computer Science Technical Report TR2001-397. ..., 2001 - Citeseer
... named mergers, for example, to make pre-defined combinations of **event** streams available to
many ... dissemination graph (such as printers that publish their current print **queue**) may also ...
Furthermore, given the **dynamic** nature of an application's **context** in a pervasive-computing ...
Cited by 21 - Related articles - View as HTML - All 28 versions

The Ninja architecture for robust Internet-scale systems and services   psu.edu [PDF]
SD Gribble, M Welsh, R Von Behren, EA Brewer, D ... - Computer Networks, 2001 - Elsevier
... that can handle a fixed set of devices, our architecture supports the **dynamic** composition of ... each
of which consists of a fixed-size thread pool, an incoming **event queue**, and a set of ... spawns and
destroys clones in response to observed system load; workers' **queue** lengths and ...
Cited by 347 - Related articles - All 23 versions

galsc: A language for **event**-driven embedded systems   psu.edu [PDF]
E Cheong, J Liu - Proceedings of the conference on Design, ..., 2005 - portal.acm.org
... In galsC, all memory is statically allocated; there is no **dynamic** memory allocation. ... actor is in the
scheduled **context**, and one or more other actors are in an interrupt **context**. There are two
mechanisms for actors to communicate in galsC: **event queues** (ports) and guarded **global** ...
Cited by 23 - Related articles - All 17 versions

[PDF] Effective Architectures for Distributed Object Computing   psu.edu [PDF]
M Stal - Siemens: http://www. stal. de/Downloads/docpatterns. ... - Citeseer
... produce Subscriber consume creates receives Filter filter Page 32. 14:55 Michael Stal -
Middleware Architecture 32 **Dynamics** Subscriber **Event Queue** Publisher attachSubscriber **Event**
produce pushEvent **event event** pushEvent consume detachSubscriber Page 33. 14:55 ...
Cited by 3 - Related articles - View as HTML - All 2 versions

Concurrent operations on priority **queues**
DW Jones - 1989 - portal.acm.org
... investigated during the last decade, primarily in the **context** of database systems [l, 5, lo]. ... This

priority **queue** implementation can be used to speed up algorithms for finding such things as ... The
classic discrete **event** simulation algorithm can also be described in these terms: A pro ...
Cited by 84 - Related articles - All 4 versions

An architectural framework and a middleware for cooperating smart components

A Casimiro, J Kaiser, P Verissimo - Proceedings of the 1st ..., 2004 - portal.acm.org
... This is of course an overhead compared to the use of implicit knowledge, but in a
dynamic environment such information is needed. ... These al- low to characterize the
usefulness of the **event** for a certain application, in a certain **context**. ...
Cited by 14 - Related articles - All 12 versions

HP Caliper: A framework for performance analysis tools

R Hundt - IEEE CONCURRENCY, 2000 - doi.ieeecomputersociety.org
... **Event** objects handle **event queues** and deal with application and user **events**. ... managing data
exchange between Caliper and its monitored processes for counters, **events**, control instructions ...
of a program and can be changed interactively or via the definition of **context**, which is ...
Cited by 13 - Related articles - BL Direct - All 5 versions

MPICH-V: Toward a scalable fault tolerant MPI for volatile nodes

G Bosilca, F Cappello, G Fedak, T Herault, ... - Proceedings of the ..., 2002 - portal.acm.org
... Thus, the whole **context** of a parallel execution is saved and stored in a distributed way. ... situations
a) and b) is the lack of a total order over the communications **events** of different re ... tions, the CM
manages two types of **queues**: a common **queue** for all control messages, and one ...
Cited by 203 - Related articles - All 28 versions

An object oriented approach to simulating large communication networks

AR Mikler, JSK Wong, V Honavar - The Journal of Systems & Software, 1998 - Elsevier
... In the **context** of our research, we assume linkspecific parameters, such as bandwidth, to be
uniform throughout the ... a service function, and a message generator (see Figure 2). Arriving
messages are added to the **queue** and upon invocation by the **event** dispatcher, the ...
Cited by 22 - Related articles - All 13 versions

HYCARE: A hybrid **context**-aware reminding framework for elders with mild ...

K Du, D Zhang, X Zhou, M Mokhtari, M Hariz, ... - Lecture Notes in ..., 2008 - Springer
... 3. A snapshot of FEFS **queue** ... a simple software tool for caregivers to create and edit the reminding
services with respect to the **events** and conditions. ... Information Technology in Biomedicine
10(2), 323–333 (2006) 3. Dey, AK, Abowd, GD: CybreMinder: A **Context**-Aware System ...
Cited by 2 - Related articles - All 2 versions

[HTML] A **dynamic** operating system for sensor nodes

CC Han, R Kumar, R Shea, E Kohler, M Srivastava - usenix.org
... By adopting an **event** driven architecture, SOS is able to support a comparable amount of
concurrency without the **context** switching overhead of ... and behave somewhat like TinyOS tasks;

the main SOS scheduling loop takes a message from a priority **queue** and delivers ...
Cited by 282 - Related articles - Cached - All 36 versions

[PDF] Multi-platform architecture for routing protocol design for wireless and ad- ...
T di Laurea Specialistica - grc.upv.es
... Moreover PICA was ported to new operating systems available on market. In order to evaluate
PICA in a real **context**, this thesis analyzes OLSR implemented with PICA. ... planned early in the
development process, and that testing concerns both static and **dynamic** activities. ...
Related articles - View as HTML

On mobility extensions of UML statecharts. A pragmatic approach
D Latella, M Massink - Lecture notes in computer science, 2003 - Springer
... of E. We let E[(q, e)] denote the multi-**queue** equal to E except that on **queue** (named) q of ... n)]
where $E[\cdot] \Delta = E$. 4 Notice that in this paper we use a syntax for **event** sending (namely ... 5 This
is a similar situation as in the π – calculus [11], although in a completely different **context**. ...
Cited by 2 - Related articles - BL Direct - All 9 versions

Event-based synchronization
B Ramesh, D Mahata, SS Sharma - US Patent 7,117,496, 2006 - Google Patents
... One or more of the execution entities Threads associated or belonging to the process share the
are adapted to wait on the **event**, and a controller is adapted same execution **context**. ... 22. The
article of claim 19, wherein the **queue** of the first **event** object contains entries ...
Cited by 1 - Related articles - All 2 versions

[PDF] Mobile Active Objects for highly **dynamic** distributed computing
G Fortino, F Frattolillo, W Russo, E Zimeo - Proceedings of the 16th ..., 2002 - Citeseer
... In this **context**, new application domains such as M-commerce, mobile multimedia, and cooperative ...
A MAO is basically characterized by an identity, a **dynamic** behavior, and interaction mechanisms. ...
the MAO response to the **events** depends on; (ii) an **event queue** (MEQ), which ...
Cited by 9 - Related articles - View as HTML - All 11 versions

[PDF] The Evolution of Internet-Scale **Event** Notification Services
A Rifkin, R Khare - Workshop on Internet Scale **Event** ..., 1998 - 4k-associates.com
... Page 9. 13 July 1998 9 Clustering by Application **Context** ... USENET News Articles, named by
message-ID, can be posted to a set of groups within a distribution region until expiry ... foreshadowing
the invoke vs. poll options **Event queue** can select **events** by bounds, type, etc. ...
Cited by 2 - Related articles - View as HTML - All 3 versions

Pcc: A modeling technique for mixed control/data flow systems
T Grijtker, R Schoenen, H Meyr - doi.ieeecomputersociety.org
... An **event queue** may be annotated an integer num- ber of cuts (cp. ... has to define at most the total
ordering of those data flow processes that interfere with the **event** driven portions ... Furthermore,
the notation of scheduling constraints proves generally helpful in the **context** of code

Cited by 21 - Related articles - All 5 versions

[PDF] An Example Embedded System Application: A Mobile Terminal   ucla.edu [PDF]
S Port - 2004 - ee.ucla.edu
... Virtual Delta Timers • **Dynamic** Memory Management (heap) • Support Module Insertion • **Event**
driven Sensing Interface • Cross Platform **...** More elaborate scheduling scheme where task has
context • Easier to debug • Minimum use of macros ... 3 Send **Queue** 4 5 Network ...
View as HTML

Towards merging **context**-aware, mobile and grid computing   unisinos.br [PDF]
AC Yamin, JV Barbosa, I Augustin, LC da ... - ... Journal of High ..., 2003 - hpc.sagepub.com
... The set of supported host workload indexes comprises: host availability, host usage; process
run-**queue** length; total and **...** a blocking read operation in the history of the Holoparadigm being,
waiting a processor idle **event** to dynamically **...** **CONTEXT**-AWARE GRID COMPUTING ...
Cited by 50 - Related articles - BL Direct - All 4 versions

[BOOK] Cinema and the city: film and urban societies in a **global context**
M Shiel, T Fitzmaurice - 2001 - books.google.com
... City: South African Cinema in the 1950s and Jamie Uys's The Urgent **Queue** Gary Baines **...** social
and cultural theory; the second, "Film and Urban Societies in a **Global Context**," introduces in ...
The success of the **event**, the creativity of the many opinions and ideas expressed, and ...
Cited by 43 - Related articles

[PDF] On the fly model checking of communicating UML State Machines   psu.edu [PDF]
S Gnesi, F Mazzanti - Second ACIS International Conference on Software ..., 2004 - Citeseer
... Initial default transitions are requied not to have actions; static and **dynamic** choice transitions
are **...** as shown by the following simplified schema (E: Env represents the "current **context**" in which
a **...** node (its active, states, the values or its variables, the content of the **events queue**). **...**
Cited by 27 - Related articles - View as HTML - All 15 versions

μsik A Micro-Kernel for Parallel/Distributed Simulation Systems   psu.edu [PDF]
KS Perumalla - Proceedings of the 19th Workshop on Principles of ..., 2005 - portal.acm.org
... (A variation of Jha and Bagrodia's protocols is later discussed in [4], but in the **context** of VLSI
applications). **...** **Event** retractions need to be dealt with appropriately, as they too alter timestamp
ordering. **...** For scheduler operations, three important priority **queues** are maintained. ...
Cited by 43 - Related articles - All 11 versions

An overview of PCTE and PCTE+
G Boudier, F Gallo, R Minot, I Thomas - ACM SIGPLAN Notices, 1989 - portal.acm.org
... represented by a link (of type reserved-message-**queue** and category secondary) from the process
to the message **queue**. ... Each PCTE process executes in the **context** of an activity ... to prevent some
of the modifications made during a transaction being rolled back in the **event** of a ...
Cited by 149 - Related articles - All 3 versions

XSED–XML-based Description of Status–**Event** Components and Systems

A Dix, J Leite, A Friday - Proc. of EIS, 2008 - Springer

... The resulting **queue** of unprocessed **events** grew during the game! ... The onCue product it
supported was a form of **context**-aware internet toolbar, so shared many features with more
physical sensor-based systems. ... 4. Abstract status–**event** component ...

Cited by 4 - Related articles - All 6 versions

Load balancing policies for multiple home agents mobile IP networks

A Vasilache, J Li, H Kameda - Proc. 2 nd ..., 2001 - doi.ieeecomputersociety.org

... As one of our objectives is to evaluate the multiple HAs system performance in the **context** of
using different load balancing policies ... UPDATE TABLE **Event** activated by a HA in or- der to send
a table update packet to the other home agents in ... Less changes in **queue** states deter- ...

Cited by 7 - Related articles - All 3 versions

[PDF] Supporting preemptive user-level threads for embedded real-time systems

Y Seo, J Park, S Hong - 1998 - Citeseer

... It provides a user-level thread with a kernel stack, and the kernel with an identifier to distinguish
user-level threads running or being blocked in kernel mode. Unlike a kernel thread, however,
it is a **dynamic** and passive entity. ... **event queue** interrupted thread **context** ...

Cited by 7 - Related articles - View as HTML - All 4 versions

[PDF] A reactive plan language

D McDermott - 1991 - Citeseer

... inside an iterative **context**, such as a LOOP or WHENEVER. ... (VALVE-REQUEST p valve) , when
the valve is in use, causes a thread to be put on a **queue** associated with the valve. ... in blockages.
An importantclass of uents are those that refer to **events** within the interpreter itself. ...

Cited by 118 - Related articles - View as HTML - All 9 versions

A Survey of Studying on Task Scheduling Mechanism for TinyOS

YU Min, SJ XIAHOU, LI XinYu - ieeexplore.ieee.org

... would not exist because TinyOS2.0 had a great container for the task **queue**. ... this **event** 5
event_tuple_msgnum Message number in the **event** tuple 6 event_priority **Event** priority level ...
So a new, able to **dynamic** configured, having adaptability and **context**-awareness scheduling ...

[PS] ... developing network-centric applications by **dynamic** composition of services

M Marazakis, D Papadakis, C Nikolaou - FORTH/ICS, Tech. Rep. TR, 1997 - ics.forth.gr

... of 52] we address the requirements of network- centric applications in **dynamic** open environments. ...
in which applications o ering composite services are realized in the **context** of work ...
Event-Condition-Action (ECA) rules 31] specify the **events** and conditions that activate a ...

Cited by 30 - Related articles - View as HTML - All 5 versions

Event-driven database information sharing

L Vargas, J Bacon, K Moody - Lecture Notes in Computer Science, 2008 - Springer
... All these components are defined in the **context** of a database. ... Persistent **queues** can be non-auditable or auditable. In the first (default) case, an **event** is deleted from a **queue** when it is no longer required (eg it has been successfully delivered to a consumer). ...
Cited by 5 - Related articles - All 3 versions

[PDF] Providing customized process and situation awareness in the collaboration ...   psu.edu [PDF]
D Baker, D Georgakopoulos, H Schuster, AR ... - Proceedings of the ..., 1999 - Citeseer
... Section 4 defined a **context** resource as a named collec- tion of other resources. Contexts are organized into name- value pairs called fields. A **context** field change **event** (or **context event**) is produced each time a field in a **context** re- source is modified. ...
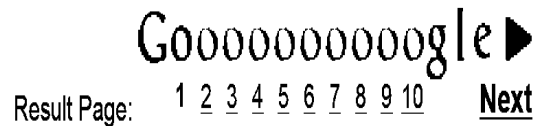Cited by 35 - Related articles - View as HTML - All 5 versions

[PDF] A real-time **event** channel model for the CAN bus   psu.edu [PDF]
J Kaiser, C Brudna, C Mitidieri - ... on Parallel and Distributed Real-Time ..., 2003 - Citeseer
... The attributes are related to the **context**, in which an **event** is generated like location, time, mode of operation, etc. ... When the validity interval is expired, the **event** is completely removed from the local send **queue**. Section 3 provides further details about the realisation on ...
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